

**ABSTRACT**

Apparatus, and an associated method, for facilitating communication of communication data upon a communication channel susceptible to distortion. Both diversity techniques and spatial multiplexing techniques are utilized to compensate for the distortion introduced upon the data during its communication. Separate parts of the communication data are mapped pursuant to separate mapping schemes. The mapping schemes are selected to exhibit different properties. When the communication data is communicated upon the communication channel and delivered to a receiving station, a decoder decodes the data to recover the informational content of the data.